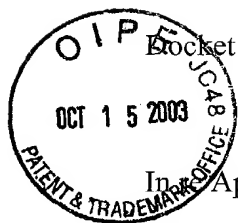


3724



Packet No.: 43890-470

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Application of	:	Customer Number: 20277
	:	
Kunio KISHIMOTO, et al.	:	Confirmation Number: 7834
	:	
Serial No.: 09/736,499	:	Group Art Unit: 3724
	:	
Filed: December 15, 2000	:	Examiner: Timothy V. ELEY
	:	
For: METHOD OF MANUFACTURING A CIRCUIT BOARD AND ITS MANUFACTURING APPARATUS		

INFORMATION DISCLOSURE STATEMENT

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Dear Sir:

This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee.

**REQUEST TO CONSIDER REFERENCES AFTER CLOSE OF PROSECUTION AND
BEFORE PAYMENT OF ISSUE FEE**

The undersigned hereby requests consideration and entry of this Information Disclosure Statement and accompanying references under 37 CFR 1.97(d).

Please charge the processing fee under 1.17(p) of \$180.00 to Deposit Account 500417.

CERTIFICATION PARAGRAPH

The undersigned certifies that, to the best of his knowledge, each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement as described in 37 CFR 1.97(e)(1).

Each non-English language reference was cited in a corresponding foreign application search report or office action and its relevance discussed therein. A copy of the foreign search report or office action, together with an English language version thereof, is attached for the Examiner's information.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.


Respectfully submitted,

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Date: October 15, 2003

INFORMATION DISCLOSURE CITATION IN AN APPLICATION				ATTY. DOCKET NO. 43890-470		SERIAL NO. 09/736,499	
				APPLICANT Kunio KISHIMOTO, et al.			
				FILING DATE December 15, 2000		GROUP 3724	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US 5,628,926	05/13/1997	Belgacem et al.	<div style="font-size: 2em; font-weight: bold;">RECEIVED</div> <div style="font-size: 1.2em; font-weight: bold;">OCT 16 2003</div> <div style="font-size: 0.8em; font-weight: bold;">TECHNOLOGY CENTER R3700</div>		
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		US					
		US					
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EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes - Number 4 - Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
		JP 10-290072 with English abstract	10/27/1998	Matsushita Electric Inc. Co. Ltd.		Yes	No
		JP 01214093 English abstract	08/28/1989	Mitsubishi Electric Corp.			
	A2	EP 0 568 930 with English abstract	11/10/1993	Matsushita Electric Industrial Co., Ltd.			
		JP 01078799 English abstract	03/24/1989	Eina Co. Ltd.,			
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		JP 10224015 English abstract	08/21/1998	Matsushita Electric Ind. Co. Ltd.			
		JP 01258488 English abstract	10/16/1989	Eina Co. Ltd.,			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.



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Patentamt**

Zweigstelle
in Den Haag
Recherchen-
abteilung

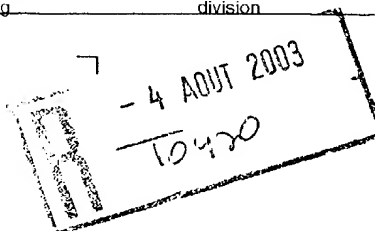
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Patent Office**

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Département à
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Division de la
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18/9

Datum/Date

04.08.03

Zeichen/Ref./Réf. BB 46536	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. 00126465.4-2214-
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☐ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☐ abstract

☒ title

☒ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

1

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 01, 29 January 1999 (1999-01-29) -& JP 10 290072 A (MATSUSHITA ELECTRIC IND CO LTD), 27 October 1998 (1998-10-27) * abstract; figures *	1-5, 44, 48	H05K3/40 H05K3/00
Y		6, 39-43, 45-47	
A	PATENT ABSTRACTS OF JAPAN vol. 013, no. 525 (E-850), 22 November 1989 (1989-11-22) & JP 01 214093 A (MITSUBISHI ELECTRIC CORP), 28 August 1989 (1989-08-28) * abstract *	1	
Y		6, 42, 47	
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Y		43	
A	US 5 965 043 A (NODDIN ET AL.) 12 October 1999 (1999-10-12) * claims *	1, 2, 6, 39, 40, 42	
Y		45	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17 July 2003	Examiner Mes, L
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	EP 0 329 807 A (GEBR. SCHMID GMBH & CO) 30 August 1989 (1989-08-30) * claims; figures * * column 1, line 1 - line 20 *	1,6,42, 45,50	
Y	----	46	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17 July 2003	Examiner Mes, L
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div> <div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</div>			

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EPO FORM 1503 03.92 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 12 6465

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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17-07-2003

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